



September 28, 2000

The Performance Track Information Center  
c/o Industrial Economics Incorporated  
2067 Massachusetts Avenue  
Cambridge, MA 02140

Dear Performance Track Information Center:

Lockheed Martin Manassas is pleased to submit an application for the National Environmental Achievement Track Program. Attached to this letter are the completed application and checklist as well as some additional information about Lockheed Martin Manassas.

Lockheed Martin Manassas is proud of its environmental achievements and leadership for more than the past 25 years.

If you have any questions, please feel free to call me at 703-367-4264 or David Gunnarson at 703-367-5022.

Sincerely,

A handwritten signature in cursive script that reads "Spence Curtis".

Spence Curtis  
Manager, Chemical, Environmental, Safety and Health Programs

A03 0010



*National  
Environmental  
Achievement Track*

*Application Form*

Lockheed Martin Manassas

Name of facility

Lockheed Martin Corporation

Name of parent company (if any)

9500 Godwin Drive

Street address

Street address (continued)

Manassas, Virginia 20110

City/State/Zip code

Give us information about your contact person for the  
National Environmental Achievement Track Program.

Name Spence Curtis

Manager, Chemical, Environmental, Safety and Health Programs

Phone 703-367-4264

703-367-3790

E-mail a.spencer.curtis@lmco.com

***Why do we need this information?***

EPA needs background information on your facility to evaluate your application.

***What do you need to do?***

- Provide background information on your facility.
- Identify your environmental requirements.

# Section A

*Tell us about your facility.*

**1 What do you do or make at your facility?**

This facility provides advanced tactical systems, information systems, systems integration, technology products and services to defense and civilian federal agencies and commercial and international customers. These systems include acoustical sonar for the U.S. Navy submarines and aircraft and radiation hardened semiconductors for space applications.

**2 List the Standard Industrial Classification (SIC) code(s) or North American Industrial Classification System (NAICS) codes that you use to classify business at your facility.**

SIC  
3674 7373

NAICS

**3 Does your company meet the Small Business Administration definition of a small business for your sector?**

☐ Yes ☒ No

**4 How many employees (full-time equivalents) currently work at your facility?**

- ☐ Fewer than 50  
☐ 50-99  
☐ 100-499  
☐ 500-1,000  
☒ More than 1,000

## Section A, continued

5 Does your facility have an EPA ID number(s)?

☒ Yes

☐ No

If yes, list in the right-hand column.

VA0000145052

6 Identify the environmental requirements that apply to your facility. Use the Environmental Requirements Checklist, at the back of the instructions, as a reference. List your requirements to the right *or* enclose a completed Checklist with your application.

See attached Checklist.

7 Check the appropriate box in the right-hand column.

☐ I've listed the requirements above.

☒ I've enclosed the Checklist with my application.

8 Optional: Is there anything else you would like to tell us about your facility?

This facility received ISO 14001 registration on January 31, 1997. Environmental programs have been implemented since 1978. Through considerable sustained effort all environmental issues have been addressed. Consequently the remaining environmental impacts which are self-identified as significant for this facility may be considered as insignificant by many other organizations.

*Why do we need this information?*

Facilities must have an operating Environmental Management System (EMS) that meets certain requirements.

*What do you need to do?*

- Confirm that your EMS meets the Achievement Track requirements.
- Tell us if you have completed a self-assessment or have had a third-party assessment of your EMS.

# Section B

*Tell us about your EMS.*

1 Check **yes** if your EMS meets the requirements for each element below as defined in the instructions.

a. Environmental policy ☒ Yes

b. Planning ☒ Yes

c. Implementation and operation ☒ Yes

d. Checking and corrective action ☒ Yes

e. Management review ☒ Yes

2 Have you completed at least one EMS cycle (plan-do-check-act)? ☒ Yes

3 Did this cycle include both an EMS and a compliance audit? ☒ Yes

4 Have you completed an objective self-assessment or third-party assessment of your EMS? ☒ Yes

If yes, what method of EMS assessment did you use?

☐ Self-assessment

☐ GEMI

☐ Other

☐ CEMP

☒ Third-party assessment

☒ ISO 14001 Certification

☐ Other

### *Why do we need this information?*

Facilities must show that they are committed to improving their environmental performance. This means that you can describe past achievements and will make future commitments.

### *What do you need to do?*

Refer to the Environmental Performance Table in the instructions to answer questions 1 and 2.

# Section C

*Tell us about your past achievements and future commitments.*

- 1 Describe your past achievements for at least two environmental aspects. If you need more space than is provided, attach copies of this page.

**Note to small facilities:** If you qualify as a small facility as defined in the instructions, you are required to report past achievement for at least one environmental aspect.

### *First aspect you've selected*

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
	Quantity	Units	Quantity	Units
Water Consumption	138	Million gallons per year	120	Million gallons per year
<p>i. How is the current level an improvement over the previous level?</p> <p>The facility reduced water consumption by approximately 18,000,000 gallons per year.</p>				
<p>ii. How did you achieve this improvement?</p> <p>A pipeline was installed to divert treated wastewater to cooling towers from the industrial wastewater treatment effluent. The treated wastewater was used in the cooling towers instead of using drinking water purchased from the local water utility.</p>				

**Second aspect you've selected**

What aspect have you selected?	What was the previous level (2 years ago)?		What is the current level?	
Solid Waste Recycling	Quantity 39	Units Percent of total waste	Quantity 47	Units Percent of total waste
<p>i. How is the current level an improvement over the previous level?</p> <p>Solid waste recycling was increased which reduced the quantity of solid waste sent to a disposal facility.</p>				
<p>ii. How did you achieve this improvement?</p> <p>The facility recycles many different types of wastes (office paper, cardboard, aluminum cans, metal, wood, plastic and glass bottles and used equipment). The improvement in the rate of recycling is a result of increased employee education and more convenient collection areas.</p>				

- 2 Select at least four environmental aspects (no more than two from any one category) from the Environmental Performance Table in the instructions and then tell us about your future commitments. If you need more space than is provided, attach copies of this section.

**Note to small facilities:** If you are a small facility, you are required to make commitments for at least two environmental aspects in two different categories.

**First aspect you've selected**

- a. What is the aspect? Emissions of VOC and NOx
- b. Is this aspect identified as significant in your EMS? ☒ Yes ☐ No
- c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.
- ☒ Option A: Absolute value None/Carpools (Quantity/Units)
- ☐ Option B: In terms of units of production or output (Quantity/Units)

d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.

☒ Option A:  
Absolute value

25 employees will  
~~Some Carpools~~ Carpool  
(Quantity/Units)

☐ Option B:  
In terms of  
units of production  
or output

(Quantity/Units)

e. How will you achieve this improvement?

The facility has already reduced air emissions from manufacturing operations. The emission source with the greatest potential for reduction is employee automobile emissions. An effort will be conducted to increase employee awareness of voluntary actions they can take.

### ***Second aspect you've selected***

a. What is the aspect?

Emissions of Ozone Depleting Chemicals

b. Is this aspect identified as significant in your EMS?

☒ Yes ☐ No

c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.

☒ Option A:  
Absolute value

9/Tons CFC-114 in Use  
(Quantity/Units)

☐ Option B:  
In terms of  
units of production  
or output

(Quantity/Units)

d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output.

☒ Option A:  
Absolute value

0/Tons CFC-114 in Use  
(Quantity/Units)

☐ Option B:  
In terms of  
units of production  
or output

(Quantity/Units)

e. How will you achieve this improvement?

The facility has eliminated all manufacturing use of ozone depleting chemicals. The only remaining use is in refrigeration systems. The facility will replace one CFC-114-containing unit per year for the next three years. Implementation of this plan is dependent upon favorable business conditions.



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**Third aspect you've selected**

- |                                                                                                                                                                             |                                                                                                                                                                         |                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| a. What is the aspect?                                                                                                                                                      | Wastewater Pretreatment Upset Prevention                                                                                                                                |                                   |
| b. Is this aspect identified as significant in your EMS?                                                                                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                     |                                   |
| c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.                                               | <input checked="" type="checkbox"/> Option A:<br>Absolute value                                                                                                         | Moderate/Risk<br>(Quantity/Units) |
|                                                                                                                                                                             | <input type="checkbox"/> Option B:<br>In terms of<br>units of production<br>or output                                                                                   | (Quantity/Units)                  |
| d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output. | <input checked="" type="checkbox"/> Option A:<br>Absolute value                                                                                                         | Low/Risk<br>(Quantity/Units)      |
|                                                                                                                                                                             | <input type="checkbox"/> Option B:<br>In terms of<br>units of production<br>or output                                                                                   | (Quantity/Units)                  |
| e. How will you achieve this improvement?                                                                                                                                   | This project is to minimize the risk of the wastewater pretreatment system failure from either improper disposal of concentrated acid waste or from mechanical failure. |                                   |

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**Fourth aspect you've selected**

- |                                                                                                                                                                             |                                                                                       |                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------|
| a. What is the aspect?                                                                                                                                                      | Collection of Materials for Recycling                                                 |                              |
| b. Is this aspect identified as significant in your EMS?                                                                                                                    | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                   |                              |
| c. What is the current level? You may choose to state this as an absolute value or in terms of units of production or output.                                               | <input checked="" type="checkbox"/> Option A:<br>Absolute value                       | 0/Tons<br>(Quantity/Units)   |
|                                                                                                                                                                             | <input type="checkbox"/> Option B:<br>In terms of<br>units of production<br>or output | (Quantity/Units)             |
| d. What is the improvement you are committing to over the next three years? You may choose to state this as an absolute value or in terms of units of production or output. | <input checked="" type="checkbox"/> Option A:<br>Absolute value                       | 0.5/Tons<br>(Quantity/Units) |
|                                                                                                                                                                             | <input type="checkbox"/> Option B:<br>In terms of<br>units of production<br>or output | (Quantity/Units)             |

e. How will you achieve this improvement?

Waste paper and drink container collection bins will be placed in areas of the facility which have restricted employee access because of government security requirements. Implementation of this program is dependent on resolving any security issues.

### *Why do we need this information?*

Facilities must demonstrate their commitment to public outreach and performance reporting. You should have appropriate mechanisms in place to identify community concerns, to communicate with the public, and to provide information on your environmental performance.

### *What do you need to do?*

- Describe your approach to public outreach.
- List three references who are familiar with your facility.

# *Section D*

*Tell us about your public outreach and reporting.*

1 How do you identify and respond to community concerns?

The facility has a communications department that responds to any inquiry from the public. Any phone call, written correspondence or other form of communication is answered by the communications department.

2 How do you inform community members of important matters that affect them?

The facility maintains a public web page and provides a press release for significant events. The web page address is: [www.lmco.com/manassas/](http://www.lmco.com/manassas/). In addition, regular meetings are held with locally elected officials.

3 How will you make the Achievement Track Annual Performance Report available to the public?

- ☒ Website [www.lmco.com/manassas](http://www.lmco.com/manassas)
- ☐ Newspaper
- ☐ Open Houses
- ☐ Other

- 4 Are there any ongoing citizen suits against your facility? ☐ Yes ☒ No

If yes, describe briefly in the right-hand column.

5 List references below

	Organization	Name	Phone number
Representative of a Community/Citizen Group	Osbourn Park High School	Chris Branigan, Center for Environmental and Biological Sciences	703-365-6500
State/Local Regulator	Virginia Department of Environmental Quality	Harry Gregori, Director, Division of Pollution Prevention and Compliance Assistance	804-698-4374
Other community/local reference	City of Manassas	Alan Todd, Director of Public Works	703-257-8474

On behalf of Lockheed Martin Manassas  
[my facility].

I certify that

- I have read and agree to the terms and conditions, as specified in the *National Environmental Achievement Track Program Description* and in the *Application Instructions*;
- I have personally examined and am familiar with the information contained in this Application (including, if attached, the Environmental Requirements Checklist). The information contained in this Application is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete, and I have no reason to believe the facility would not meet all program requirements;
- My facility has an environmental management system (EMS), as defined in the Achievement Track EMS requirements, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements, in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;
- My facility has conducted an objective assessment of its compliance with all applicable federal, state, tribal, and local environmental requirements, and the facility has corrected all identified instances of potential or actual noncompliance;
- Based on the foregoing compliance assessment and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environmental Achievement Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision.

I am the senior facility manager and fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is applying to this program.

Signature/Date

*Frank M. Debritz*

9/28/2000

Printed Name/Title Frank M. Debritz, President

Facility Name Lockheed Martin Manassas

Facility Street Address 9500 Godwin Drive, Manassas, Virginia 20110

Facility ID Numbers VA0000145052

by *A.S. Cuth*  
10/24/2000

The National Environmental Performance Track is a U.S. Environmental Protection Agency program. Please direct inquiries to 1-888-339-PTRK or e-mail [ptrack@indecon.com](mailto:ptrack@indecon.com). Mail completed applications to:

The Performance Track Information Center  
c/o Industrial Economics Incorporated  
2067 Massachusetts Avenue  
Cambridge, MA 02140

## National Environmental Achievement Track

### *Environmental Requirements Checklist*

The following Checklist is provided to assist facilities in answering Section A, "Tell us about your facility," Question 6. The Checklist is given to help facilities identify the major federal, state, tribal, and local environmental requirements applicable at their facilities. The Checklist is not intended to be an exhaustive list of all environmental requirements that may be applicable at an individual facility.

If you use this Checklist and choose to submit it with your application, fill in your facility information below and enclose the completed Checklist with your application (see instructions).

**Facility Name** Lockheed Martin Manassas  
**Facility Location:** Manassas, Virginia  
**Facility ID Number(s):** VA0000145052 (RCRA), 70261 (Virginia Air Registration)  
*(attach additional sheets if necessary)* VAR 530068 (Stormwater)  
MAN003 (Local Wastewater Pretreatment)

#### Air Pollution Regulations

Check All  
That Apply

1. National Emission Standards for Hazardous Air Pollutants (40 CFR 61)
2. Permits and Registration of Air Pollution Sources
3. General Emission Standards, Prohibitions and Restrictions
4. Control of Incinerators
5. Process Industry Emission Standards
6. Control of Fuel Burning Equipment
7. Control of VOCs
8. Sampling, Testing and Reporting
9. Visible Emissions Standards
10. Control of Fugitive Dust
11. Toxic Air Pollutants Control
12. Vehicle Emissions Inspections and Testing

<input type="checkbox"/>
<input checked="" type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

**Other Federal, State, Tribal or Local Air Pollution Regulations Not Listed Above (identify)**

13  
14

<input type="checkbox"/>
<input type="checkbox"/>

#### Hazardous Waste Management Regulations

1. Identification and Listing of Hazardous Waste (40 CFR 261)
  - Characteristic Waste
  - Listed Waste
2. Standards Applicable to Generators of Hazardous Waste (40 CFR 262)
  - Manifesting

<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>

- Pre-transport requirements ☒
- Record keeping/reporting ☒
- 3. Standards Applicable to Transporters of Hazardous Waste (40 CFR 263)
  - Transfer facility requirements ☐
  - Manifest system and record-keeping ☐
  - Hazardous waste discharges ☐
- 4. Standards for Owners and Operators of TSD Facilities (40 CFR 264)
  - General facility standards ☒
  - Preparedness and prevention ☒
  - Contingency plan and emergency procedures ☒
  - Manifest system, Record keeping and reporting ☒
  - Groundwater protection ☐
  - Financial requirements ☐
  - Use and management of containers ☐
  - Tanks ☐
  - Waste piles ☐
  - Land treatment ☐
  - Incinerators ☐
- 5. Interim Status Standards for TSD Owners and Operators (40 CFR 265) ☐
- 6. Interim Standards for Owners and Operators of New Hazardous Waste Land Disposal Facilities (40 CFR 267) ☐
- 7. Administered Permit Program (Part B) (40 CFR 270) ☐

**Other Federal, State, Tribal or Local Hazardous Waste Management Regulations Not Listed Above (identify)**

- 8.
- 9.

### **Hazardous Materials Management**

- 1. Control of Pollution by Oil and Hazardous Substances (33 CFR 153) ☐
- 2. Designation of Reportable Quantities and Notification of Hazardous Materials Spill (40 CFR 302) ☐
- 3. Hazardous Materials Transportation Regulations (49 CFR 172-173) ☒
- 4. Worker Right-to-Know Regulations (29 CFR 1910.1200) ☒
- 5. Community Right-to-Know Regulations (40 CFR 350-372) ☒

**Other Federal, State, Tribal or Local Hazardous Materials Management Regulations Not Listed Above (identify)**

- 6. ☐
- 7. ☐

### **Solid Waste Management**

- 1. Criteria for Classification of Solid Waste Disposal Facilities and Practices (40 CFR 257)
- 2. Permit Requirements for Solid Waste Disposal Facilities ☐
- 3. Installation of Systems of Refuse Disposal ☐



4. Solid Waste Storage and Removal Requirements
5. Disposal Requirements for Special Wastes

**Other Federal, State, Tribal or Local Solid Waste Management Regulations Not Listed Above (identify)**

6. ☐
7. ☐

**Water Pollution Control Requirements**

1. Oil Spill Prevention Control and Countermeasures (SPCC) (40 CFR 112) ☒
2. Designation of Hazardous Substances (40 CFR 116) ☐
3. Determination of Reportable Quantities for Hazardous Substances (40 CFR 117) ☐
4. NPDES Permit Requirements (40 CFR 122) ☐
5. Toxic Pollutant Effluent Standards (40 CFR 129) ☐
6. General Pretreatment Regulations for Existing and New Sources (40 CFR 403) ☒
7. Organic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 414) ☐
8. Inorganic Chemicals Manufacturing Point Source Effluent Guidelines and Standards (40 CFR 415) ☐
9. Plastics and Synthetics Point Source Effluent Guidelines and Standards (40 CFR 416) ☐
10. Water Quality Standards ☐
11. Effluent Limitations for Direct Dischargers ☐
12. Permit Monitoring/Reporting Requirements ☒
13. Classifications and Certifications of Operators and Superintendents of Industrial Wastewater Plants ☐
14. Collection, Handling, Processing of Sewage Sludge ☐
15. Oil Discharge Containment, Control and Cleanup ☒
16. Standards Applicable to Indirect Discharges (Pretreatment) ☒

**Other Federal, State, Tribal or Local Water Pollution Control Regulations Not Listed Above (identify)**

- 17.
- 18.

**Drinking Water Regulations**

1. Underground Injection and Control Regulations, Criteria and Standards (40 CFR 144, 146)
2. National Primary Drinking Water Standards (40 CFR 141) ☐
3. Community Water Systems, Monitoring and Reporting Requirements (40 CFR 141) ☐
4. Permit Requirements for Appropriation/Use of Water from Surface or Subsurface Sources ☐
5. Underground Injection Control Requirements ☐

6. Monitoring, Reporting and Record keeping Requirements for Community Water Systems ☐

**Other Federal, State, Tribal or Local Drinking Water Regulations Not Listed Above(identify)**

7. ☐  
8. ☐

**Toxic Substances**

1. Manufacture and Import of Chemicals, Record keeping and Reporting Requirements (40 CFR 704) ☒  
2. Import and Export of Chemicals (40 CFR 707) ☒  
3. Chemical Substances Inventory Reporting Requirements (40 CFR 710) ☒  
4. Chemical Information Rules (40 CFR 712) ☐  
5. Health and Safety Data Reporting (40 CFR 716) ☐  
6. Pre-Manufacture Notifications (40 CFR 720) ☐  
7. PCB Distribution Use, Storage and Disposal (40 CFR 761) ☐  
8. Regulations on Use of Fully Halogenated Chlorofluoroalkanes (40 CFR 762) ☐  
9. Storage and Disposal of Waste Material Containing TCDD (40 CFR 775) ☐

**Other Federal, State, Tribal or Local Toxic Substances Regulations Not Listed Above (identify)**

10. ☐  
☐

**Pesticide Regulations**

1. FIFRA Pesticide Use Classification (40 CFR 162) ☐  
2. Procedures for Disposal and Storage of Pesticides and Containers (40 CFR 165) ☐  
3. Certification of Pesticide Applications (40 CFR 171) ☐  
4. Pesticide Licensing Requirements ☐  
5. Labeling of Pesticides ☐  
6. Pesticide Sales, Permits, Records, Application and Disposal Requirements ☐  
7. Disposal of Pesticide Containers ☐  
8. Restricted Use and Prohibited Pesticides ☐

**Other Federal, State, Tribal or Local Pesticides Regulations Not Listed Above (identify)**

9. ☐  
10. ☐

**Environmental Clean-Up, Restoration, Corrective Action**

1. Comprehensive Environmental Response, Compensation and Liability Act (Superfund) (identify)

☐  
☐

2. RCRA Corrective Action (identify)

**Other Federal, State, Tribal or Local Environmental Clean-Up, Restoration,  
Corrective Action Regulations Not Listed Above (identify)**

3.

4.